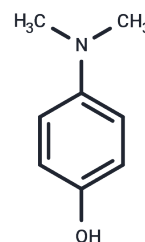


4-(Dimethylamino)phenol

Chemical Properties

CAS No. :	619-60-3
Formula:	C ₈ H ₁₁ NO
Molecular Weight:	137.18
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-(Dimethylamino)phenol enhances extracellular lactate dehydrogenase (LDH) levels without significant effects on gluconeogenesis. Only when the membrane becomes permeable to LDH does 4-(Dimethylamino)phenol reduce ATP content.
Targets(IC50)	Others,ROS

Solubility Information

Solubility	DMSO: 60 mg/mL (437.38 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.2897 mL	36.4485 mL	72.8969 mL
5 mM	1.4579 mL	7.2897 mL	14.5794 mL
10 mM	0.729 mL	3.6448 mL	7.2897 mL
50 mM	0.1458 mL	0.729 mL	1.4579 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Szinicz LL, et al. Effects of 4-dimethylaminophenol in rat kidneys, isolated rat kidney tubules and hepatocytes. Xenobiotica. 1980;10(7-8):611-620.

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